CLAIMS

New claims:

10. An ignition device formed as a spark plug for Otto engines, comprising electrical connection means; a tubular metal housing with a screwed-in thread stamped onto it, at least one of metal components of the ignition device being at least in part provided with anti-corrosion means in form of a paint.

A1

11. An ignition device as defined in claim 10, wherein at least one of said connection means, said housing and said screw-in thread is provided with a paint.

12. An ignition device as defined in claim 10, wherein at least one of said connection means, said housing, and said screw-in thread has a metalizing layer.

13. An ignition device as defined in claim 12, wherein the paint applied over said metalizing layer.

14. An ignition device as defined in claim 12, wherein said metalizing layer contains zinc.

15. An ignition device as defined in claim 12, wherein said metalizing layer contains nickel.

A1 cont'd

16. An ignition device as defined in claim 10, wherein said paint is colorless.

17. A method of producing an ignition device formed as a spark plug for Otto engines and having electrical connection means, a tubular metal housing, and a screw-in thread stamped onto the tubular metal housing, the method comprising the steps of providing on at least one of metal components at least in part anti-corrosion means in form of a paint.

18. A method as defined in claim 17; and further comprising applying the paint by spraying using a device selected from the group consisting of a template and a suction device.

A1 cont'd

19. A method as defined in claim 17; and further comprising subjecting the spark plug to a metalizing process prior to the providing the paint.

20. A method as defined in claim 17; and further comprising painting at least one of the connection means, the housing and the screw-in thread after an assembly of the spark plug.